

Minh Phan

Computer Science major at Williams College looking for internships in the tech industry where efficient problem-solving and programming skills can be demonstrated
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EDUCATION

Williams College — Computer Science B.A.

SEPTEMBER 2019 - JUNE 2023

GPA: 3.86

Relevant Courses: Human-AI Interactions, Computer Organization, Algorithm Design & Analysis, Data Structures & Advanced Programming

WORK EXPERIENCE

Oracle Corporation — Software Engineering Intern

JUNE 2021 - SEPTEMBER 2021

- Worked on Oracle's Domain Name System team to implement Secondary DNS Server features for Cloud clients
- Contributed enhancements to the code base by developing unit & integration tests for new features
- Conducted research on solutions to encryption key security concerns
- Debugged user-facing frontend interface
- Created visual explainable for workflow on zone updates

Power 4 Puerto Rico — Web Creative Intern

JANUARY 2021 - FEBRUARY 2021

- Updated content on the organization's website and identified fresh looks and tools that can be integrated towards engaging and expanding their audience
- Conducted UX experience for and implemented a subpage highlighting core values of the group

'68 Center for Career Exploration — Peer Tech Advisor

SEPTEMBER 2020 - PRESENT

- Assisted with programming for tech opportunities, resources, and employer events
- Prepared students for upcoming technical interviews by coordinating mocks
- Maintained the technology website — made edits and built innovative content
- Advised students related to the internship and job search process, most often with resumes, and cover letters

Williams College — Teaching Assistant

FEBRUARY 2020 - PRESENT

- Served as an in-lab tutor for Computer Science undergraduate courses
- Duties included assisting professors with debugging lab, explaining course concepts, and grading

Williams College — Research Assistant

JUNE 2020 - AUGUST 2020

- Worked closely with a small group of other undergraduates and a faculty advisor to develop an explainable model* on Bayesian Knowledge Tracing
- Conducted close reading and research on various forms of Human-Computer Interactions

SOCIAL LINKS

[LinkedIn](#)
[GitHub](#)
[Personal Website](#)

SKILLS

Coding Languages: Java, Python, C, JavaScript, HTML, CSS

Tools/Softwares: Excel, Photoshop, Unix, Pandas, APIs: OCI DNS, Twitter

PROJECTS

FranCES: Text-to-Speech Bot
Conducted preliminary research in building a TTS program using open-source software for deep learning and neural networks; WIP as the project enters its building stage

Cache Simulator:
A simulation of how caches check for hits/misses and evictions from trace files; implemented the LRU replacement policy and represented cache framework through structs

BKT - Apple Picking:
Self-designed project for explaining Bayesian Knowledge Tracing concepts through a gamified approach

Satirical Twitter Bot:
Utilized Tweepy and Fastai APIs to create a Twitter bot to detect sarcasm and reply

ORGANIZATIONS

Underrepresented Identities in Computer Science (UnICS), Student Board

Computer Science Student Activities/Advisory Committee (CoSSAC), Student Board

AWARDS

Grace Hopper Scholar
Williams College Dean's List
National AP Scholar

LANGUAGES

English, Vietnamese, French